

**RESOLUTION BY
CITY UTILITIES COMMITTEE**

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO AMENDMENT NUMBER ONE FOR FC-7322-01, ORME STREET COMBINED TRUNK RELIEF SEWER, PHASE III, CONSTRUCTION MANAGEMENT SERVICES WITH THE INTEGRAL PARTNERSHIP OF ATLANTA, A JOINT VENTURE, IN AN AMOUNT NOT TO EXCEED TWO HUNDRED SEVENTEEN THOUSAND FOUR HUNDRED SIXTY TWO DOLLARS AND NO CENTS (\$217,462.00). ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER: 2J26 574001 M24I02169999.

WHEREAS, the City did enter into an agreement with The Integral Partnership of Atlanta, A Joint Venture, on behalf of the Department of Public Works; and

WHEREAS, it is necessary to change the scope of the original agreement due to various changes in the construction contract and to provide for cross sectional design of the main sewer tunnel and changes to the main access shaft.

WHEREAS, the Consultant has performed satisfactorily; and

WHEREAS, the Commissioner of the Department of Public Works and the Director of the Bureau of Purchasing and Real Estate have recommended that the Mayor enter into Amendment Number One for FC-7322-01, Orme Street Combined Trunk Relief Sewer, Phase III, Construction Management Services, with The Integral Partnership of Atlanta, A Joint Venture, in an amount not to exceed Two Hundred Seventeen Thousand Four Hundred Sixty Two Dollars and No Cents (\$217,462.00); and

WHEREAS, the Commissioner of the Department of Public Works has determined it to be in the best interest of the City to accept the amendment amount of \$217,462.00.

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor be and is hereby authorized to enter into Amendment Number One for FC- 7322-01, Orme Street Combined Trunk Relief Sewer, Phase III, Construction Management Services, with The Integral Partnership of Atlanta, A Joint Venture, in an amount not to exceed Two Hundred Seventeen Thousand Four Hundred Sixty Two Dollars and No Cents (\$217,462.00).

BE IT FURTHER RESOLVED, that the Director of the Bureau of Purchasing and Real Estate be and is hereby directed to prepare an appropriate contractual agreement to be approved by the City Attorney as to form for execution by the Mayor.

BE IT FURTHER RESOLVED, that this contractual agreement shall not become binding on the City, and the City shall incur no liability upon same until such contract has been executed by the Mayor and delivered to the contracting party.

BE IT FURTHER RESOLVED, that all services for said contracted work shall be charged to and paid from fund, account and center number: 2J26 574001 M24I02169999.

bpre 4/29/02



CITY OF ATLANTA

BILL CAMPBELL
MAYOR

68 MITCHELL ST, SW, ATLANTA, GEORGIA 30335-0324
SUITE 4700, CITY HALL - SOUTH
(404) 330-6240
FAX (404) 658-7552
email: publicworks@ci.atlanta.ga.us

DEPARTMENT OF PUBLIC WORKS
Norman A. Koplon, P.E.
Interim Commissioner
David Peters, P.E.
Deputy Commissioner
John W. Griffin, Jr.
Deputy Commissioner
Garney Ingram-Reid
Deputy Commissioner

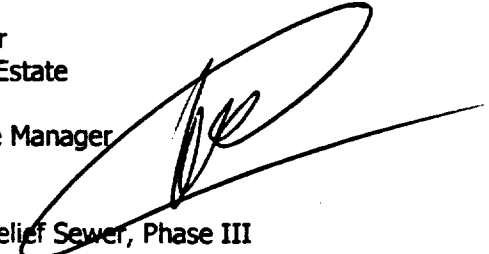
February 19, 2002

MEMORANDUM

To: Felicia Strong Whitaker, Director
Bureau of Purchasing and Real Estate

Fr: Ladun Esan, P.E., Infrastructure Manager
Department of Public Works

Re: Orme Street Combined Trunk Relief Sewer, Phase III
Construction Management/Professional Services
Amendment No. 1 – FC-7322-01



Attached please find Amendment Number 1 and the supporting documentation regarding the Orme Street Combined Trunk Relief Sewer, Phase III for the Integral Building Group, Inc.

This amendment provides for various changes to the construction contract. It provides for compensation related to additional work required to execute and to complete the construction management portion of the Orme Street Combined Trunk Relief Sewer Project. In addition it also provides for cross sectional design of the main sewer tunnel as well as changes to the main access shaft.

The Department of Public Works has reviewed the following paperwork and finds it necessary and in the City's best interest to accept Amendment Number 1 and ask that the Bureau of Purchasing and Real Estate prepare appropriate legislation required for Council approval in an amount not to exceed Two Hundred Seventeen Thousand Four Hundred Sixty Two Dollars and No Cents (\$217,462.00).

If you need additional information or need to reach me, I may be reached at extension 6526.

Attachment(s):

Cc: Norm Koplon, P.E., DPW
David Peters, P.E., DPW
Ade Abon, P.E., DPW
Ron Krumme, DPW
Willie Canidate, DPW
Vivian Chapman
Pamela Lewis, BPPE
Bruce Bell, OCC
Eskender Abebe, CH2M Hill/TOC, JV
File



Integral Building Group LLC

Construction Management • Program Management

November 26, 2001

Mr. Eskender Abebe, P.E.
Program Manager
CH2MHill/TOC
133 Carnegie Way, Suite 600
Atlanta, Georgia 30303

**Re: Orme Street Combined Trunk Relief Sewer, Phase III, FC-6677-96
Consultant's Construction Management/Professional Services FC-7322-01**

Dear Mr. Abebe:

We are forwarding to you for your review and recommendation our request for the City of Atlanta to amend our City-Consultant Agreement for Construction Management Services. This amendment is requested for the compensation related to the additional work required to execute and complete the construction management of the Orme Street Combined Trunk Relief Sewer, Phase III Project. For your reference Attachment "A" has the actual and proposed man-hour for the construction management of the project.

The amendment to the Agreement is requested due to the numerous issues/changes to the construction project as well as to the projected change in the construction completion date. The changes started with the Contractor's request in June 2000 to change the cross sectional design of the main tunnel as well as changing the diameter of the main access shaft. Attachment "B" has a list of changes that have occurred throughout the construction project.

The table below highlights the original approved budget, the actual/projected total costs, and the amount of variance noting the requested additional funds required to complete the work.

Construction Management Services	Approved Budget	Actual/Projected Costs	Variance
Construction Management	\$788,262.00	\$1,111,886.00	\$217,462.00
Reimbursables	\$78,000.00	\$78,000.00	\$0.00
Pre-Construction Cost	\$28,162.00	\$28,162.00	\$0.00
Total Additional Funds Required to Complete Construction Management of Construction Project			\$217,462.00

Amendment to Professional Services Manhours

Project Executive				Construction Manager				Tunnel Expert				Admin Support			
2000	Hours	Rate	Subtotals	Hours	Rate	Subtotals	Hours	Rate	Subtotals	Hours	Rate	Hours	Rate	Subtotals	
JUN	54	\$136.00	\$7,344.00	246	\$88.00	\$21,648.00	21	\$178.00	\$3,738.00	128	\$39.00	128	\$39.00	\$4,992.00	
JUL	24	\$136.00	\$3,264.00	160	\$88.00	\$14,080.00	54	\$178.00	\$9,612.00	128	\$39.00	128	\$39.00	\$4,992.00	
AUG	24	\$136.00	\$3,264.00	184	\$88.00	\$16,192.00	122	\$178.00	\$21,716.00	144	\$39.00	144	\$39.00	\$5,616.00	
SEP	18	\$136.00	\$2,448.00	160	\$88.00	\$14,080.00	124	\$178.00	\$22,072.00	144	\$39.00	144	\$39.00	\$5,616.00	
OCT	18	\$136.00	\$2,448.00	176	\$88.00	\$15,488.00	119	\$178.00	\$21,182.00	160	\$39.00	160	\$39.00	\$6,240.00	
NOV	20	\$136.00	\$2,720.00	160	\$88.00	\$14,080.00	82	\$178.00	\$14,596.00	160	\$39.00	160	\$39.00	\$6,240.00	
DEC	15	\$136.00	\$2,040.00	160	\$88.00	\$14,080.00	88	\$178.00	\$15,664.00	160	\$39.00	160	\$39.00	\$6,240.00	
2001															
JAN	19	\$142.80	\$2,713.20	176	\$92.40	\$16,262.40	59	\$186.90	\$11,027.10	156	\$40.95	156	\$40.95	\$6,388.20	
FEB	18	\$142.80	\$2,570.40	160	\$92.40	\$14,784.00	99	\$186.90	\$18,503.10	144	\$40.95	144	\$40.95	\$5,896.80	
MAR	17	\$142.80	\$2,427.60	176	\$92.40	\$16,262.40	66	\$186.90	\$12,335.40	162	\$40.95	162	\$40.95	\$6,633.90	
APR	20	\$142.80	\$2,856.00	168	\$92.40	\$15,523.20	66	\$186.90	\$12,335.40	165	\$40.95	165	\$40.95	\$6,756.75	
MAY	18	\$142.80	\$2,570.40	176	\$92.40	\$16,262.40	104	\$186.90	\$19,437.60	178	\$40.95	178	\$40.95	\$7,207.20	
JUN	15	\$142.80	\$2,142.00	168	\$92.40	\$15,523.20	98	\$186.90	\$18,316.20	146	\$40.95	146	\$40.95	\$5,978.70	
JUL	20	\$142.80	\$2,856.00	168	\$92.40	\$15,523.20	118	\$186.90	\$22,054.20	157	\$40.95	157	\$40.95	\$6,429.15	
AUG	27	\$142.80	\$3,855.60	184	\$92.40	\$17,001.60	129	\$186.90	\$24,110.10	176	\$40.95	176	\$40.95	\$7,207.20	
SEP	19	\$142.80	\$2,713.20	152	\$92.40	\$14,044.80	96	\$186.90	\$17,942.40	147	\$40.95	147	\$40.95	\$6,019.65	
OCT	18	\$142.80	\$2,570.40	184	\$92.40	\$17,001.60	106	\$186.90	\$19,811.40	171	\$40.95	171	\$40.95	\$7,002.45	
NOV	18	\$142.80	\$2,570.40	160	\$92.40	\$14,784.00	106	\$186.90	\$19,811.40	160	\$40.95	160	\$40.95	\$6,552.00	
DEC	18	\$142.80	\$2,570.40	160	\$92.40	\$14,784.00	96	\$186.90	\$17,942.40	160	\$40.95	160	\$40.95	\$6,552.00	
2002															
JAN	14	\$149.94	\$2,099.16	176	\$97.02	\$17,075.52	96	\$196.25	\$18,940.00	176	\$43.00	176	\$43.00	\$7,568.00	
FEB(1)	12	\$149.94	\$1,799.28	160	\$97.02	\$15,523.20	78	\$196.25	\$15,307.50	160	\$43.00	160	\$43.00	\$6,880.00	
MAR	12	\$149.94	\$1,799.28	168	\$97.02	\$16,299.36	72	\$196.25	\$14,130.00	168	\$43.00	168	\$43.00	\$7,224.00	
APR	12	\$149.94	\$1,799.28	176	\$97.02	\$17,075.52	42	\$196.25	\$8,242.50	176	\$43.00	176	\$43.00	\$7,568.00	
MAY	6	\$149.94	\$899.64	176	\$97.02	\$17,075.52	18	\$196.25	\$3,532.50	176	\$43.00	176	\$43.00	\$7,568.00	
JUN(2)	6	\$149.94	\$899.64	160	\$97.02	\$15,523.20	0	\$196.25	\$0.00	160	\$43.00	160	\$43.00	\$6,880.00	
man-hours	462			4294			2059			3960					
costs			\$65,239.88			\$395,977.12			\$382,259.20					\$162,248.00	

Black represents actual
Reds represents projected

\$1,005,724.20
\$ 78,000.00
\$ 28,162.00

REVISED TOTAL

ORIGINAL APPROVED CONTRACT AMOUNT

AMOUNT REQUESTED FOR AMENDMENT

(1) Original Construction Completion Date is February 2002
(2) Projected Construction Completion Date is June 2002

ATTACHMENT “B”

MAJOR ISSUES/ACTIVITIES IMPACTING THE MAN-HOURS FOR CONSTRUCTION MANAGEMENT SERVICES IN THE CITY-CONSULTANT AGREEMENT

There were multiple unforeseen issues that developed during the execution of the construction of the Orme Street Combined Trunk Relief Sewer, Phase III Project. These issues generated by both the Contractor and the Construction Contract Documents required additional man-hours to review, analyze, and evaluate to properly advise, by recommendation, the City of Atlanta what was in their best interest.

The following is a list of the multiple issues initiated by the Contractor as well as by the Construction Contract Documents:

- The Contractor requested to change the cross section of the proposed main tunnel as well as the diameter of the main access shaft. The larger size was to accommodate the Contractor's new equipment (360 BDR Excavator).
- The Contractor's use of compressed air as their means & methods and the application of shotcrete under these conditions. The question of the concrete curing properly and its strength while under compressed air.
- The Engineer changed the location of the main access shaft due to the location of utilities at the SE corner of North Avenue & Techwood Drive.
- The Engineer changed the location of the main access shaft due to the alignment of the existing 84" x 89" sewer.
- Survey data showing settlement along Techwood Drive north of North Avenue adjacent to Georgia Tech dormitories (Brown Hall) due to the excavation of the tunneling heading north.
- The Engineer changed the alignment of the proposed main tunnel due to the alignment of the existing 84" x 89" sewer.
- The Contractor requested the alignment of the proposed main tunnel be changed due to the closeness to the Georgia Tech dormitories (Brown Hall).
- Contractor's Claim for "Changed Conditions of the Soil in the excavation of the main tunnel.
- Questionable strengths of the concrete (shotcrete) during the application of the initial concrete liner of the main tunnel.

ATTACHMENT "B"

**TRANSMITTAL FORM FOR LEGISLATION
PUBLIC IMPROVEMENT PROGRAM**

TO: MAYOR'S OFFICE

GREG PRIDGEON



Commissioner's Signature



Director's Signature

Originating Department: DPW/Purchasing

Contact Person: Pamela Lewis x 6379
Marie Pope 853-7503

Committee(s) of Purview: Finance/Executive
Committee

Council Deadline: May 3, 2002

Committee Meeting Dates(s) May 14, 2002

Full Council Date: May 20, 2002

**CAPTION:
BACKGROUND:**

TO AUTHORIZE THE MAYOR TO ENTER INTO AMENDMENT NUMBER ONE FOR FC-7322-01, ORME STREET COMBINED TRUNK RELIEF SEWER, PHASE III, CONSTRUCTION MANAGEMENT SERVICES, WITH THE INTEGRAL PARTNERSHIP OF ATLANTA, A JOINT VENTURE, IN AN AMOUNT NOT TO EXCEED TWO HUNDRED SEVENTEEN THOUSAND FOUR HUNDRED SIXTY TWO DOLLARS AND NO CENTS (\$217,462.00). ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM THE FOLLOWING FUND, ACCOUNT AND CENTER NUMBER: 2J26 574001 M24I02169999.

FINANCIAL IMPACT (if any)

Mayor's Staff Only

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Received by Mayor's Office: _____
(date) (date)

Reviewed by: 
initials)

Submitted to Council: _____
(date)

Action by Committee: ☐ Approved ☐ Adverse ☐ Held ☐ Amended
 ☐ Substitute ☐ Referred ☐ Other

**BUREAU OF PURCHASING AND REAL ESTATE
LEGISLATION SUMMARY**

TO: **CITY UTILITIES COMMITTEE**

CAPTION: A resolution authorizing the Mayor to enter into Amendment Number One with The Integral Partnership of Atlanta, A Joint Venture., for FC-7322-01, Orme Street Combined Trunk Relief Sewer, Phase III, Construction Management Services, in an amount not to exceed Two Hundred Seventeen Thousand Four Hundred Sixty Two Dollars and No Cents (\$217,462.00).. All contracted work shall be charged to and paid from fund, account, and center number: 2J26 574001 M24I02169999.

**REQUESTING
DEPARTMENT:** Department of Public Works

CONTRACT TYPE: Professional Services

**SOURCE
SELECTION:** N/A

BID OPENING: N/A

**INVITATIONS
ISSUED:** N/A

**BIDS
RECEIVED:** N/A

BACKGROUND: **Original contract amount - \$894,424.00**
Amendment Number One is necessary to provide for various changes to the construction contract. In addition it provides for cross sectional design of the main sewer tunnel as well as changes to the access shaft.

SOURCE OF FUNDING: BOND PROGRAM

**EVALUATION TEAM
COMPOSITION:** DPW, BPRE, OCC